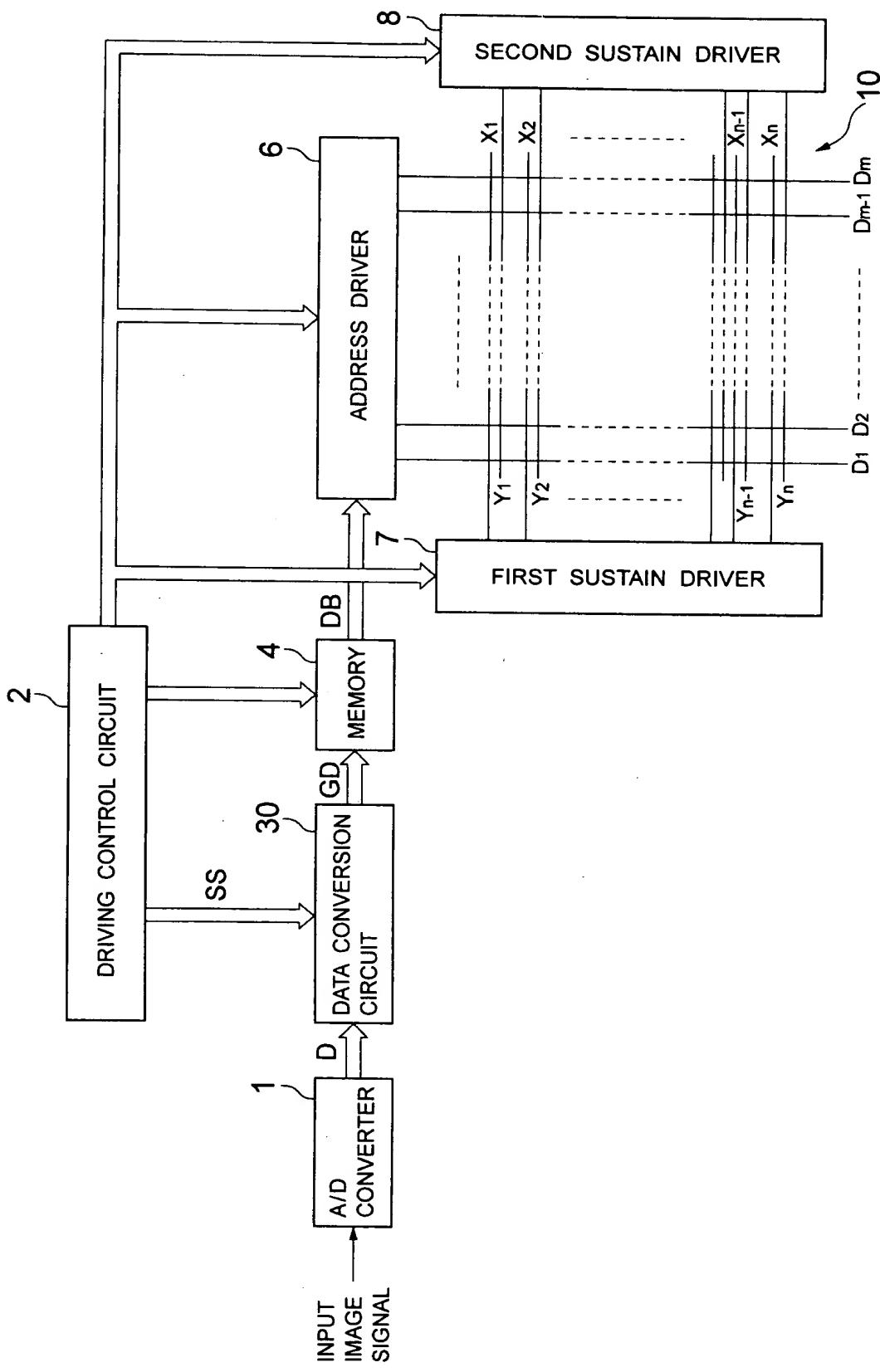


FIG. 1



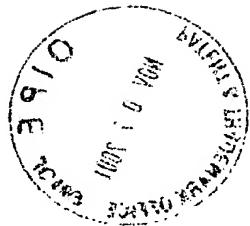
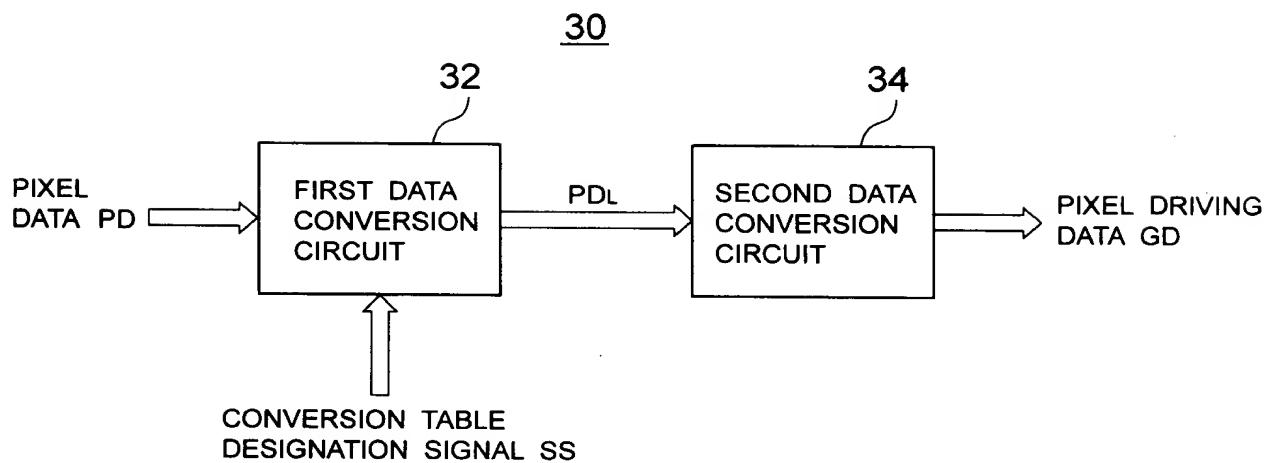


FIG.2



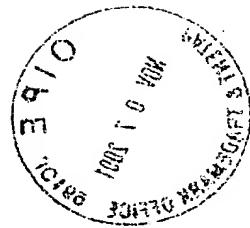
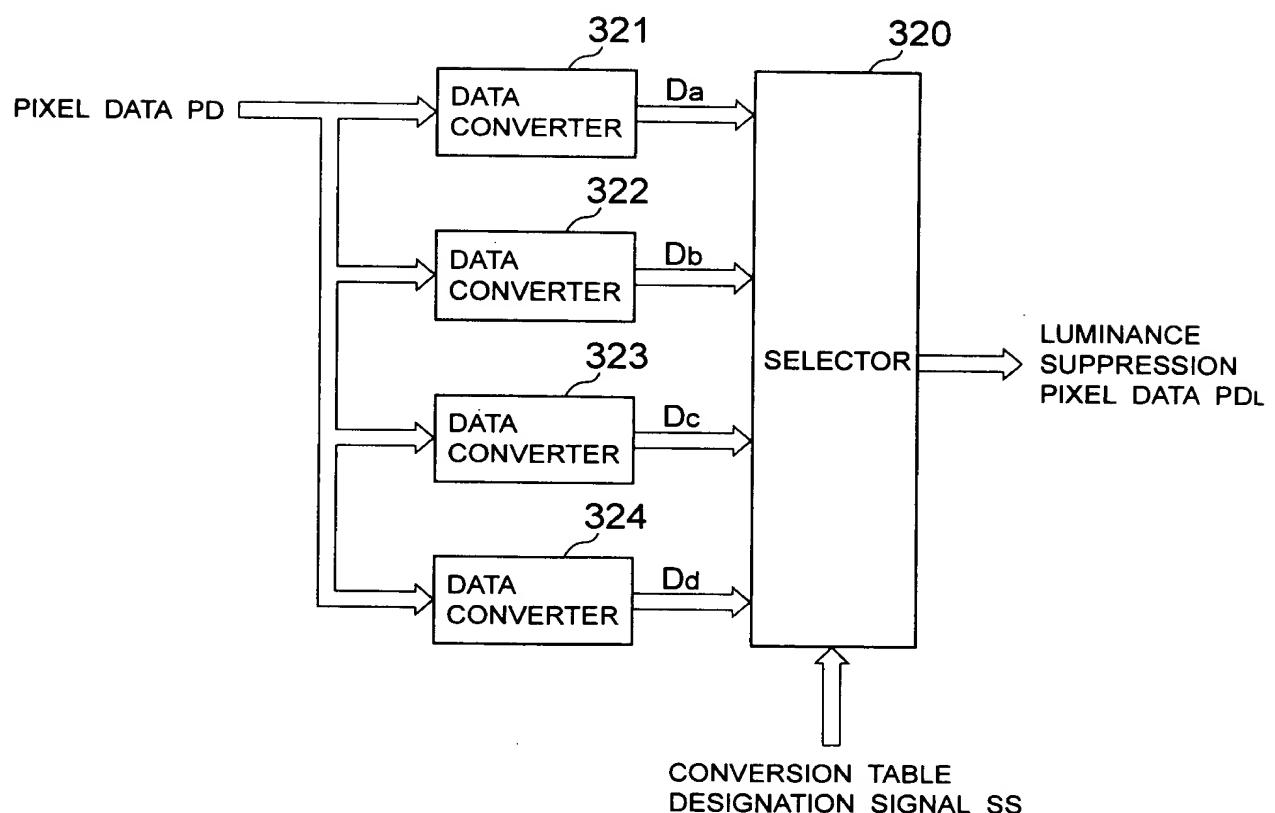


FIG. 3

32



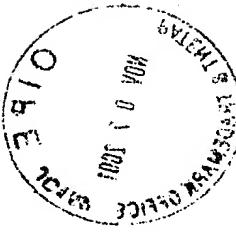


FIG.4A

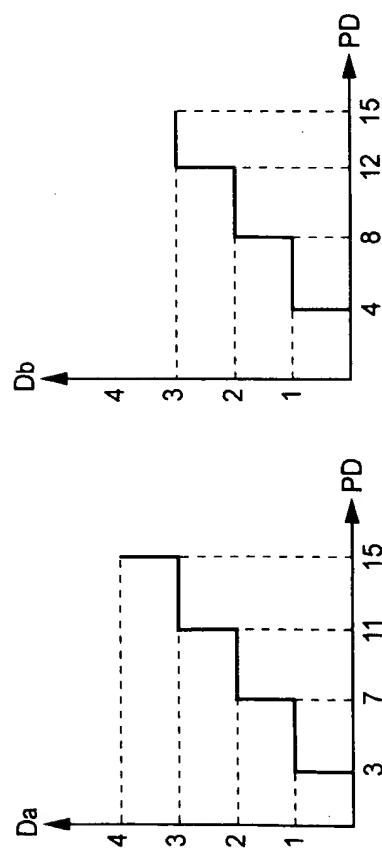


FIG.4C

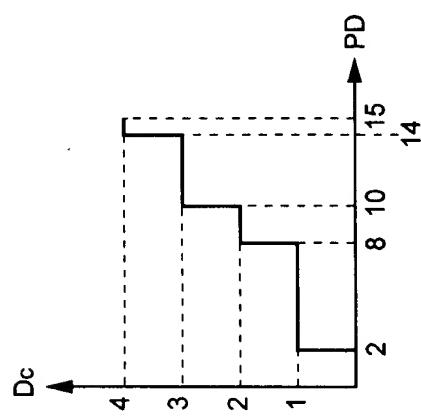
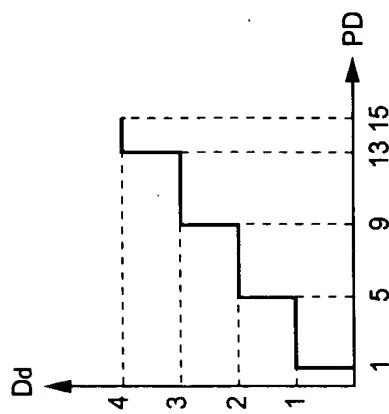


FIG.4D



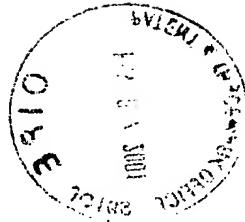


FIG.5

[SELECTIVE ERASE]

GRADATION	CONVERSION TABLE OF SECOND DATA CONVERSION CIRCUIT 34				LIGHT EMISSION DRIVING PATTERN	LUMINANCE							
	PDL	GD				SF 1	SF 2	SF 3	SF 4	A	B	C	D
1	000	1	1	1	1	●	●	●	●	0	0	0	0
2	001	0	1	1	1	○	●	●	●	20	28	12	4
3	010	0	0	1	1	○	○	●	●	72	88	56	40
4	011	0	0	0	1	○	○	○	●	156	180	132	108
5	100	0	0	0	0	○	○	○	○	272	/	240	208

BLACK CIRCLE : SELECTIVE ERASE DISCHARGE (LIGHT NON-EMISSION)

WHITE CIRCLE : SUSTAIN DISCHARGE (LIGHT EMISSION)



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FIG. 6

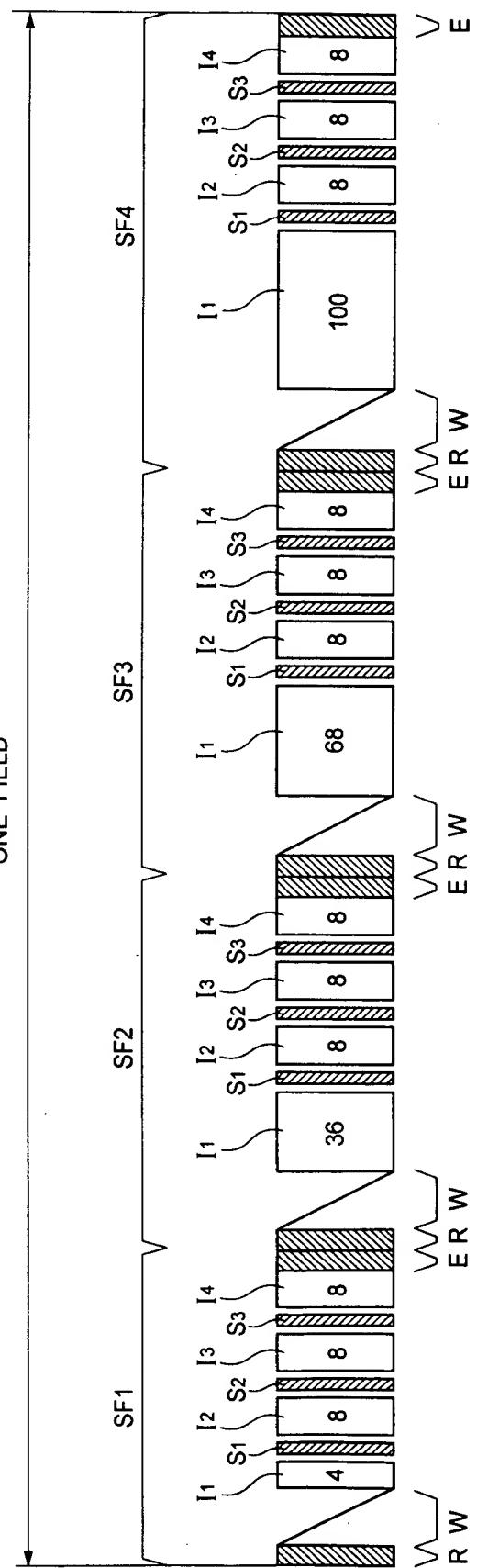


FIG. 7

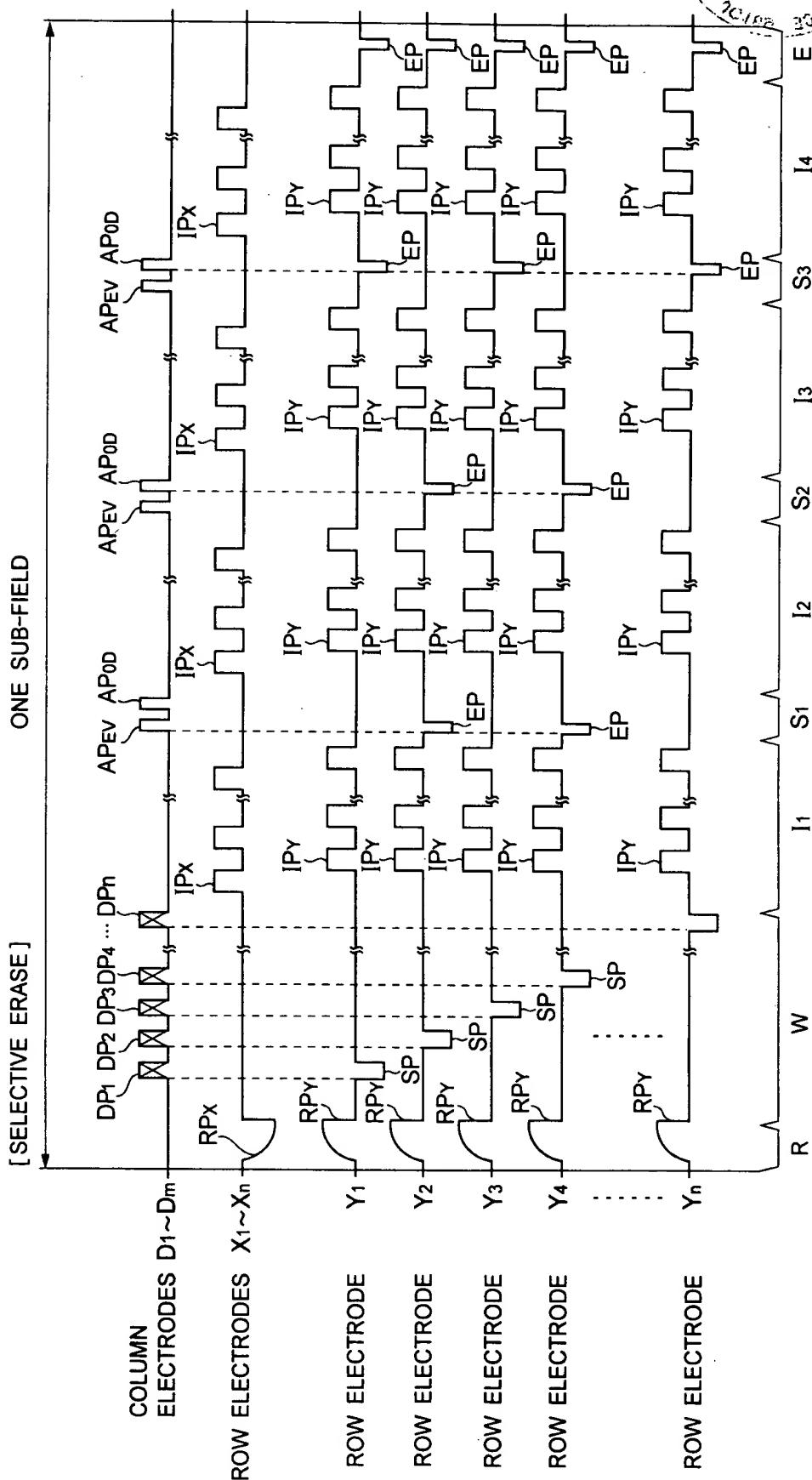
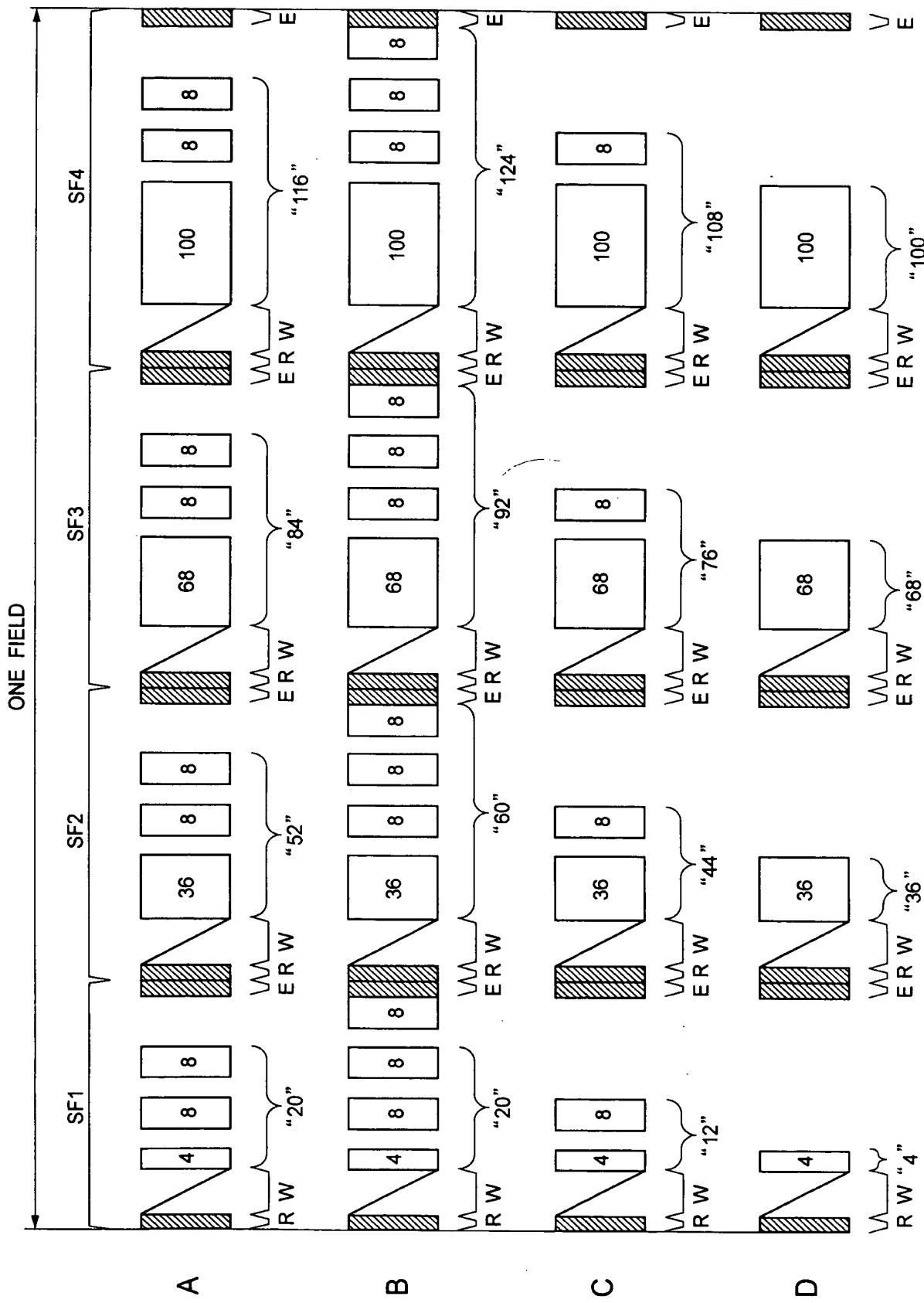
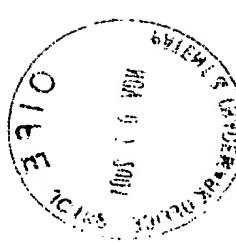




FIG. 8





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FIG. 9

	1	2	3	4	... (COLUMN)
1	A	B	A	B	
2	C	D	C	D	
3	A	B	A	B	
4	C	D	C	D	
.					
.					
(ROW)					



FIG.10A



FIG.10B



FIG.10C



FIG.10D

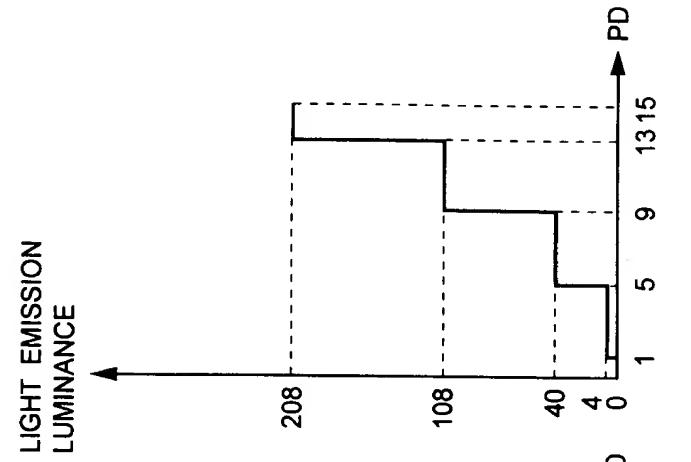
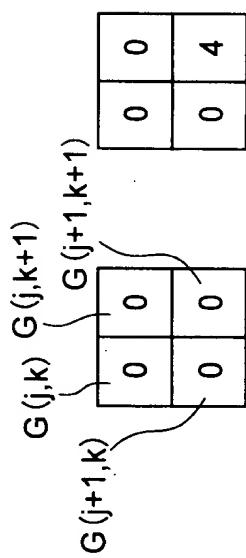




FIG. 11



PIXEL DATA PD \rightarrow 0

DISCHARGE CELL \rightarrow 0
 BLOCK LUMINANCE

20	28
12	40

5

20	28
12	4

25

4

16

9

4

3

2

1

0	0
12	4

20	0
12	4

20	28
12	40

156	88
132	108

11

72	88
132	108

10

72	88
56	108

81

72	88
56	40

100

72	88
56	40

49

20	28
56	40

6

20	28
12	40

121

PIXEL DATA PD \rightarrow 6

8

7

9

10

11

DISCHARGE CELL \rightarrow 36

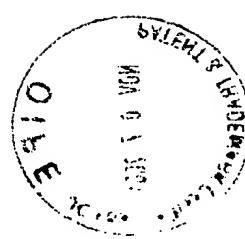
64

81

DISCHARGE CELL \rightarrow 0

100

121



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FIG. 12

LIGHT EMISSION
LUMINANCE

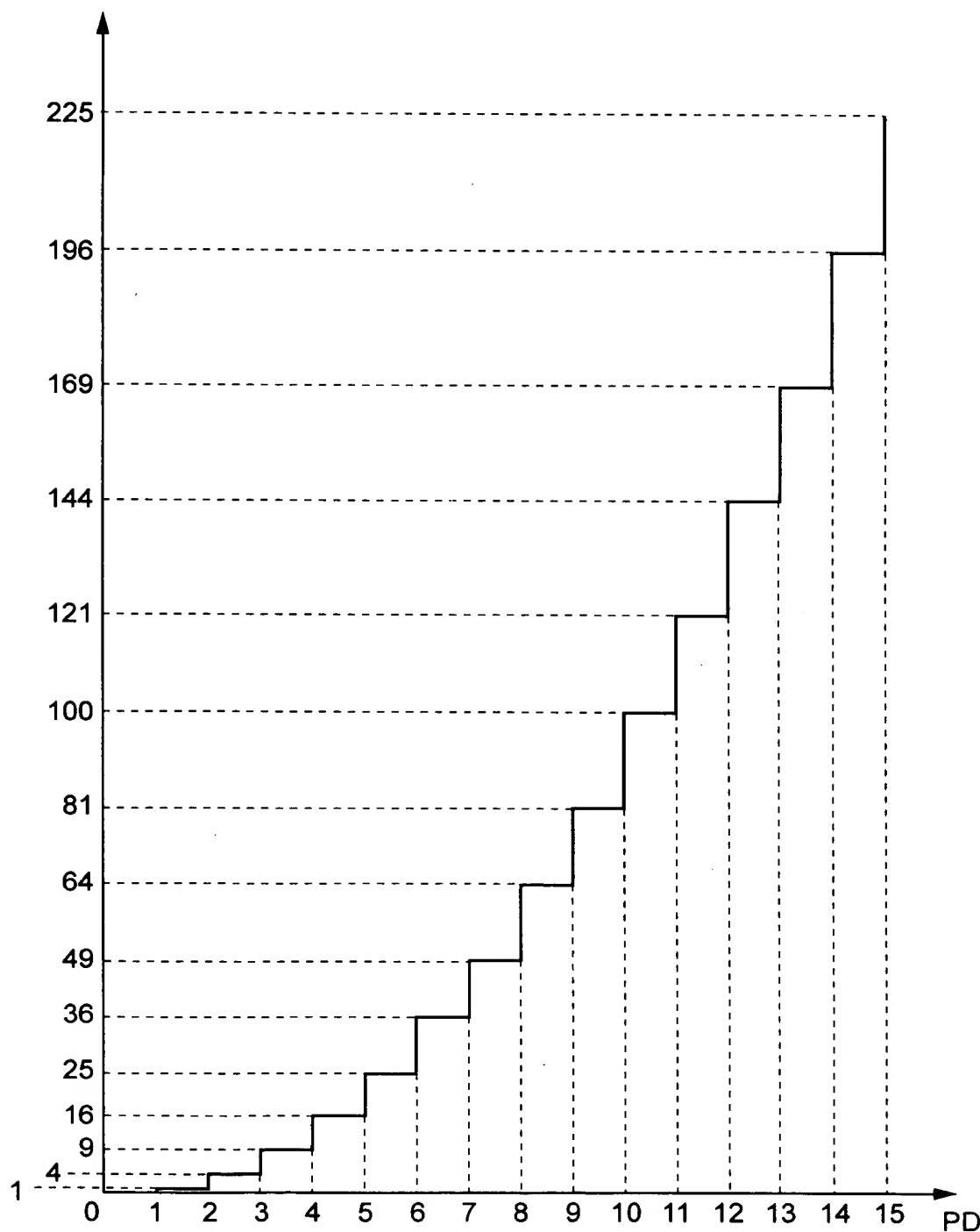
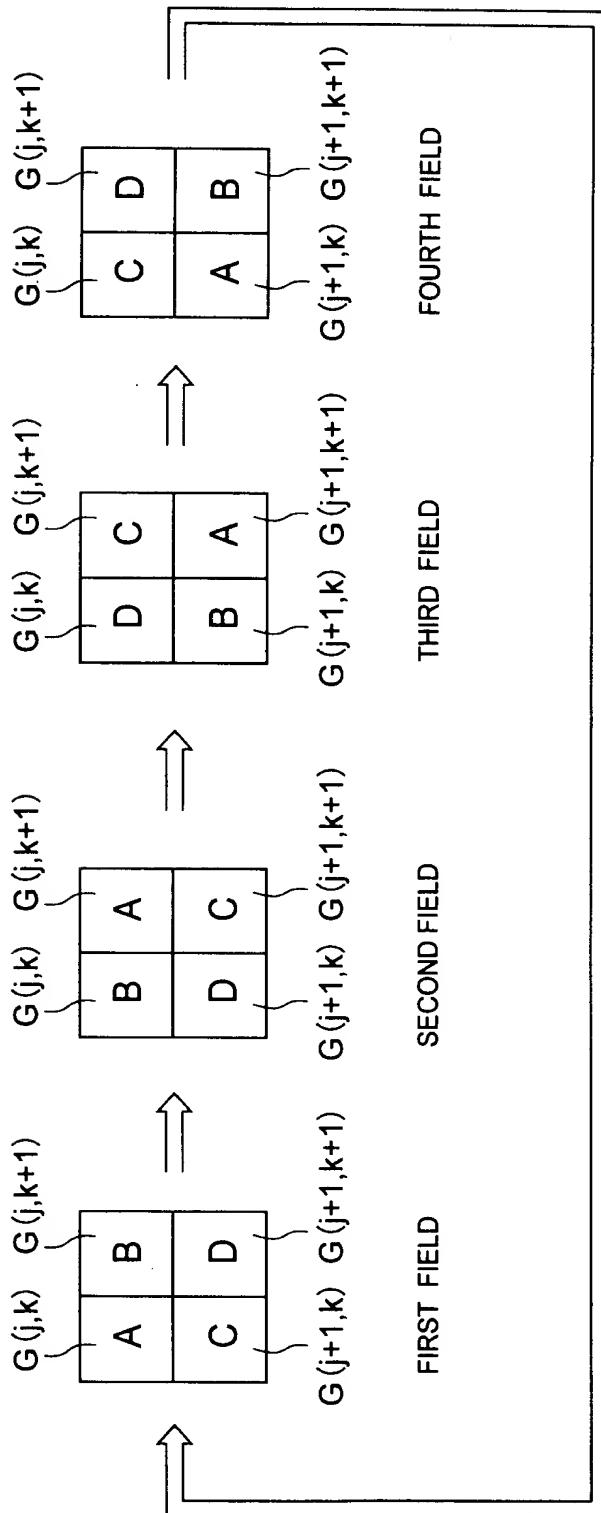




FIG. 13



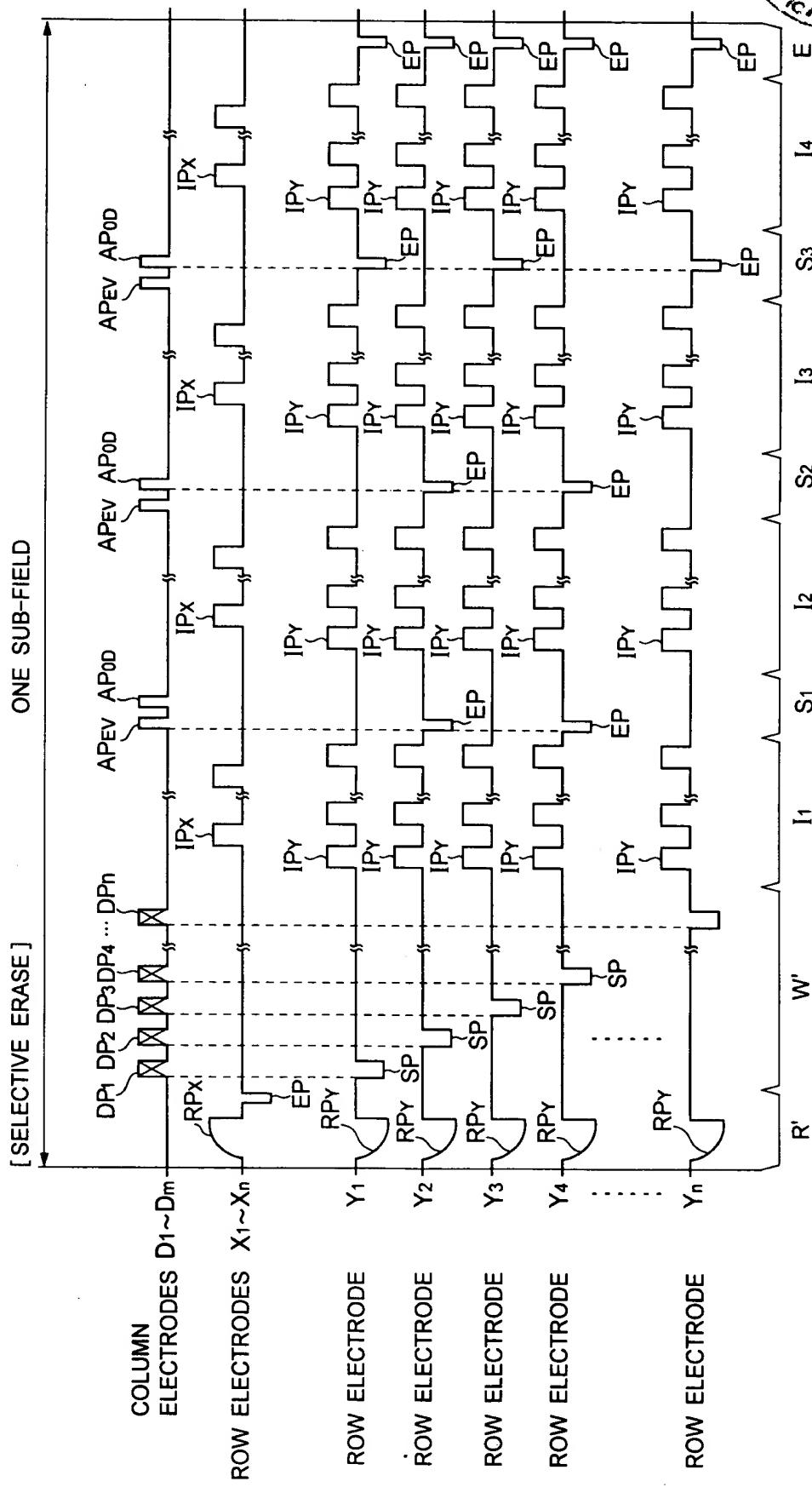




FIG. 15

[SELECTIVE WRITE]

GRADATION

GRADATION	CONVERSION TABLE OF SECOND DATA CONVERSION CIRCUIT 34					LIGHT EMISSION DRIVING PATTERN				LUMINANCE			
	PDL	GD				SF 1	SF 2	SF 3	SF 4	A	B	C	D
		1	2	3	4								
1	000	0	0	0	0					0	0	0	0
2	001	1	0	0	0	◎				20	28	12	4
3	010	1	1	0	0	◎	◎			72	88	56	40
4	011	1	1	1	0	◎	◎	◎		156	180	132	108
5	100	1	1	1	1	◎	◎	◎	◎	272		240	208